

4.134 URL ANCHOR PROPERTY (TYPE 406, FORM 38)‡

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ECO704 ‡The URL Anchor Property Entity has not been tested. See Section 1.9.

The Universal Resource Locator Tag Property (Type 406, Form 38) specifies an Internet environment path and filename of a file related to an entity in the exchange file. This property is used by clients capable of displaying any Internet environment file selected by the viewing user.

IGES files containing this entity can be displayed by IGES viewers capable of accessing the identified multimedia file types, and to be ignored by post-processors associated with CAD (only) modeling systems.

This property shall not affect normal CAD system use of the exchange file. If the exchange file is being displayed by software capable of using the property's information, an action such as double-clicking on the referencing entity shall initiate an attempt to access and view the URL file specified in the property. Situations such as a non-response by an Internet server may prevent display.

The file identified in parameter DF may be of any Multipurpose Internet Mail Extensions (MIME) [ISI93] data type. Since "model/iges" is a valid MIME data type, it is possible to reference another IGES file; however, this shall not be used as a substitute for use of the External Reference Entity (Type 416) in the CAD system environment. Processing of the referenced file requires capability for processing MIME data types which may be other than IGES data.

Example of PD parameter DF for a file in Graphic Interchange Format (.gif):

45H<http://server.location.net/directory/file.gif>

Directory Entry

Number and Name	Value
(1) Entity Type Number	406
(3) Structure	< <i>n.a.</i> >
(4) Line Font Pattern	< <i>n.a.</i> >
(5) Level	< <i>n.a.</i> >
(6) View	< <i>n.a.</i> >
(7) Transformation Matrix	< <i>n.a.</i> >
(8) Label Display Assoc.	< <i>n.a.</i> >
(9a) Blank Status	**
(9b) Subord. Ent. Switch	??
(9c) Entity Use Flag	**
(9d) Hierarchy	**
(12) Line Weight Number	< <i>n.a.</i> >
(13) Color Number	< <i>n.a.</i> >
(15) Form Number	38

Parameter Data

<u>Index</u>	<u>Name</u>	<u>Type</u>	<u>Description</u>
1	NP	Integer	Specifies the number of parameter data fields (NP=1)
2	DF	String	Display file URL

Additional pointers as required (see Section 2.2.4.5.2).